

EV711807830US

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/084528 A1

(51) International Patent Classification: H04M 1/23

(74) Agent: LEE, Kyeong-Ran; 502, BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

(21) International Application Number: PCT/KR2004/000575

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NL, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SH, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 17 March 2004 (17.03.2004)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

(25) Filing Language: Korean

(26) Publication Language: English

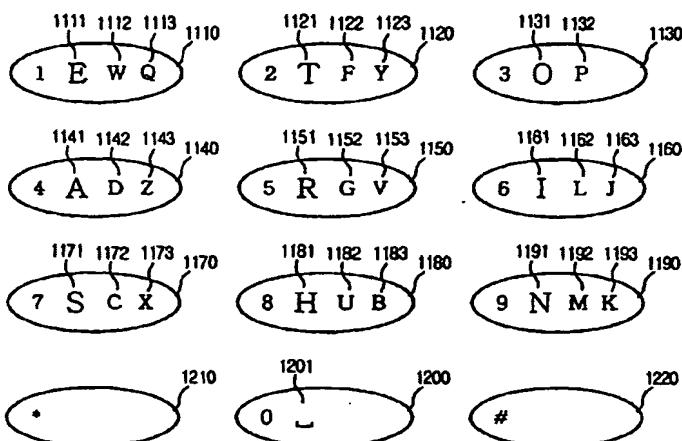
[Continued on next page]

(30) Priority Data:
10-2003-0016368 17 March 2003 (17.03.2003) KR
10-2003-0016369 17 March 2003 (17.03.2003) KR
10-2003-0020401 1 April 2003 (01.04.2003) KR
10-2003-0020402 1 April 2003 (01.04.2003) KR

(71) Applicant and

(72) Inventor: AHN, Jaewoo [KR/KR]; #101 Shinsegae Villa, 290, Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-824 (KR).

(54) Title: CHARACTER ARRANGEMENTS, INPUT METHODS AND INPUT DEVICE



(57) Abstract: The present invention relates to character arrangements, input methods and input device. More particularly, the present invention relates to Korean, English and symbols arrangements that are effectively arranged on a limited number of buttons, input methods using the character arrangements and input device thereof. The present invention provides fundamental and efficient character arrangements that can be applied to various input methods so that the user who is accustomed to another input method can input characters with the character arrangement of the present invention fast and efficiently.



WO 2004/084528 A1